Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently Amended) A ~~network system~~ provider for use with a home server that communicates with a home network system, said provider comprising:

an ~~Internet~~ a network connecting section for creating a signal pathway between said home server and a ~~said~~ network external to said ~~architecting a connection environment to the Internet on a~~ home network system ~~having a home server and a plurality of Web terminals~~, and

a network security managing section for updating and maintaining a firewall between said network connecting section and said home server ~~architecting a network security system to the home server;~~

~~the network security system being architected by a provider~~.

2.   (Original) A network system according to claim 1, wherein the plurality of Web terminals is any selected from a personal computer, a television receiver and a home electronic appliance.

3.   (Original) A network system according to claim 1, wherein the network security system includes at least a firewall and anti-virus software.

4.   (Original) A network system according to claim 1, wherein the provider has the network security managing section, the network security managing section being to update at least one of the firewall and the anti-virus software.

5. (Original) A network system according to claim 4, wherein network security managing section is to provide an optional service for security check.

6. (Original) A network system according to claim 4, wherein network security managing section is to provide information for updating the firewall or anti-virus software to the network security system.

7. (Original) A network system according to claim 1, wherein the provider is further to provide for proxy, an optional service for adjusting, a network parameter of a best-effort connecting service that connection speed varies depending upon a network parameter on the Web terminal.

8. (Original) A network system according to claim 1, wherein the provider is further to provide an optional service for restoring, for proxy, from a failure in the event of a failure on the network system caused due to a new or unknown security hole or virus.

9. (Original) A network system according to claim 1, wherein the provider is further to provide an optional service for a user to take a commentary lecture on network security.

10. (Original) A network system according to claim 1, wherein the provider is to make a bill in return for architecting the network security system.

11. (Original) A network system according to claim 5, wherein the provider is to make a bill in return for the optional service of security check.

12. (Original) A network system according to claim 6, wherein the provider is to make a bill in return for providing information for updating a firewall and anti-virus software to the network security system.

13.   (Original)   A network system according to claim 7, wherein the provider is to make a bill in return for the optional service of network parameter adjustment for proxy.

14.   (Original)   A network system according to claim 8, wherein the provider is to make a bill in return for the optional service of restoring, for proxy, from a failure.

15.   (Original)   A network system according to claim 9, wherein the provider is to make a bill in return for the optional service of taking a commentary lecture.

16.———(Original) (Currently Amended)   A provider for use with a home server that communicates with a home A-network system, said provider comprising:

an Internet connecting section for creating a signal pathway between said home server and the internet to said home network system , and architecting a connection environment of a Web terminal to the Internet, and

a network security managing section for updating and maintaining a firewall between said internet connecting section and said home server.

architecting a network security system to the Web terminal connected to the Internet;

———the network security system being architected by a provider.

17.   (Original)   A network system according to claim 16, wherein the Web terminal is any selected from a personal computer, a television receiver and a home electronic appliance.

18. (Original) A network system according to claim 16, wherein the network security system includes at least a firewall and anti-virus software.

19. (Original) A network system according to claim 16, wherein the provider has the network security managing section, the network security managing section being to updating at least one of the firewall and the anti-virus software.

20. (Original) A network system according to claim 19, wherein network security managing section is to provide an optional service for security check.

21. (Original) A network system according to claim 19, wherein network security managing section is to provide information for updating the firewall or anti-virus software to the network security system.

22. (Original) A network system according to claim 16, wherein the provider is further to provide an optional service for adjusting, for proxy, a network parameter of a best-effort connecting service that connection speed varies depending upon a network parameter on the Web terminal.

23. (Original) A network system according to claim 16, wherein the provider is further to provide an optional service for restoring, for proxy, from a failure in the event of a failure on the network system caused due to a new or unknown security hole and virus.

24. (Original) A network system according to claim 16, wherein the provider is further to provide an optional service for a user to take a commentary lecture on network security.

25. (Original) A network system according to claim 16, wherein the provider is to make a bill in return for architecting the network security system.

26.   (Original)   A network system according to claim 20, wherein the provider is to make a bill in return for the optional service of security check.

27.   (Original)   A network system according to claim 21, wherein the provider is to make a bill in return for providing information for updating a firewall and anti-virus software to the network security system.

28.   (Original)   A network system according to claim 22, wherein the provider is to make a bill in return for the optional service of network parameter adjustment for proxy.

29.   (Original)   A network system according to claim 23, wherein the provider is to make a bill in return for the optional service of restoring, for proxy, from a failure.

30.   (Original)   A network system according to claim 24, wherein the provider is to make a bill in return for the optional service of taking a commentary lecture.